



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/926,007	09/24/2001	Mitsuhiro Nishibe	211391US6PCT	6624
22850	7590	01/27/2006	EXAMINER	
OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT, P.C. 1940 DUKE STREET ALEXANDRIA, VA 22314			LEE, PHILIP C	
			ART UNIT	PAPER NUMBER
			2154	
DATE MAILED: 01/27/2006				

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/926,007

Applicant(s)

NISHIBE ET AL.

Examiner

Philip C. Lee

Art Unit

2154

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 17 October 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-9 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-9 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

1. This action is responsive to the amendment and remarks filed on October 17, 2005.
2. Claims 1-9 are presented for examination.
3. The text of those sections of Title 35, U.S. code not included in this office action can be found in a prior office action.
4. If applicant desires benefit of a previously filed application under 35 U.S.C. 120, specific reference to the earlier filed application must be made in the instant application. For benefit claims under 35 U.S.C. 120, 121 or 365(c), the reference must include the relationship (i.e., continuation, divisional, or continuation-in-part) of the applications. This should appear as the first sentence(s) of the specification following the title, preferably as a separate paragraph unless it appears in an application data sheet. The status of nonprovisional parent application(s) (whether patented or abandoned) should also be included. If a parent application has become a patent, the expression "now Patent No. ____" should follow the filing date of the parent application. If a parent application has become abandoned, the expression "now abandoned" should follow the filing date of the parent application.

If the application is a utility or plant application filed under 35 U.S.C. 111(a) on or after November 29, 2000, the specific reference must be submitted during the pendency of the application and within the later of four months from the actual filing date of the application or sixteen months from the filing date of the prior application. If the application is a utility or plant application which entered the national stage from an international application filed on or after

November 29, 2000, after compliance with 35 U.S.C. 371, the specific reference must be submitted during the pendency of the application and within the later of four months from the date on which the national stage commenced under 35 U.S.C. 371(b) or (f) or sixteen months from the filing date of the prior application. See 37 CFR 1.78(a)(2)(ii) and (a)(5)(ii). This time period is not extendable and a failure to submit the reference required by 35 U.S.C. 119(e) and/or 120, where applicable, within this time period is considered a waiver of any benefit of such prior application(s) under 35 U.S.C. 119(e), 120, 121 and 365(c). A benefit claim filed after the required time period may be accepted if it is accompanied by a grantable petition to accept an unintentionally delayed benefit claim under 35 U.S.C. 119(e), 120, 121 and 365(c). The petition must be accompanied by (1) the reference required by 35 U.S.C. 120 or 119(e) and 37 CFR 1.78(a)(2) or (a)(5) to the prior application (unless previously submitted), (2) a surcharge under 37 CFR 1.17(t), and (3) a statement that the entire delay between the date the claim was due under 37 CFR 1.78(a)(2) or (a)(5) and the date the claim was filed was unintentional. The Director may require additional information where there is a question whether the delay was unintentional. The petition should be addressed to: Mail Stop Petition, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 [i.e., the first sentence of the specification should include a statement claiming the priority of continuing application, 371 of PCT, with the filing date of the 371 of PCT]

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claims 1-8 are rejected under 35 U.S.C. 103(a) as being unpatentable over Bayer et al, U.S. Patent 6,311,190 (hereinafter Bayer) in view of Kalpio et al, U.S. Patent 6,343,323 (hereinafter Kalpio).

7. Bayer was cited in the last office action.

8. As per claims 1 and 4-5, Bayer taught the invention as claimed comprising:

first recording means for recording user registration form data for displaying a picture for inputting user profile data specifying a user for registration, in association with attributes relevant to said user (col. 20, lines 40-46; col. 25, line 34-col. 26, line 8),

first receiving means for receiving, from a user terminal used by said user, a transmission request for transmission of said user registration form data(col. 26, lines 34-42), along with user terminal identification specifying said user terminal as an argument of a target destination of the registration server and said attributes (col. 26, line 65-col. 27, line 22),

Art Unit: 2154

selection means for selecting said user registration form data recorded in said recording means, based on said attributes received by said first receiving means (col. 27, lines 55-61; col. 28, line 57-col. 29, line 7),

first transmission means for transmitting said user registration form data selected by said selection means to said user terminal (col. 29, line 64-col. 30, line 8),

second receiving means for receiving said user profile data which specifies said user and which has been input from said user terminal based on said user registration form (col. 30, lines 8-21), and

second recording means for recording said user profile data in association with said user terminal identification specifying said user terminal used by said user (col. 30, lines 25-42).

9. Bayer did not teach a key server. Kalpio taught a key server and content server, the key server comprising:

third receiving means for receiving the user terminal identification from the user terminal (abstract; col. 4, lines 57-59), and

second transmission means for transmitting the target destination of the contents server which enables the user terminal to download contents from said contents server (abstract; col. 4, line 51-col. 5, line 2; col. 5, lines 61-64)

10. It would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teachings of Bayer and Kalpio because Kalpio's teaching of a key

Art Unit: 2154

server would increase the security of Bayer's system by authenticating the user's right to access the requested resource (abstract).

11. As per claim 2, Bayer and Kalpio taught the invention substantially as claimed in claim 1 above. Bayer further taught wherein the attributes include information indicating a language (col. 27, lines 9-22).

12. As per claim 3, Bayer and Kalpio taught the invention substantially as claimed in claim 1 above. Bayer further taught the attributes include information indicating a terminal device connected to said user terminal (col. 26, line 65-col. 27, line 22; col. 30, line 64-col. 31, line 3).

13. As per claim 6, Bayer taught the invention substantially as claimed comprising:
a sending communications unit configured to send a transmission request for transmission of user registration form data along with user terminal identification information to a registration server, and to send user profile form data to the registration server (col. 26, lines 34-42; col. 26, line 65-col. 27, line 22);
a receiving communication unit configured to receive user registration form data for displaying a picture for inputting user profile data (col. 20, lines 40-46; col. 25, line 34-col. 26, line 8);
a display configured to display a picture for inputting the user profile data specifying a user for registration, in accordance with attributes relevant to the user (col. 20, lines 40-46; col. 25, line 34-col. 26, line 8); and

an input element configured to input the user profile data (it is inherent that the client computer must included input element, e.g. keyboard or mouse).

14. Bayer did not teach a key server. Kalpio taught an invention comprising:
to receive a target destination of a contents server from a key server (abstract; col. 4, line 51-col. 5, line 2; col. 5, lines 61-64); and
a download unit configured to download contents from the contents server (abstract; col. 4, line 51-col. 5, line 2; col. 5, lines 61-64).
15. It would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teachings of Bayer and Kalpio because Kalpio's teaching of a key server would increase the security of Bayer's system by authenticating the user's right to access the requested resource (abstract).
16. As per claims 7 and 8, Bayer taught the invention substantially as claimed comprising:
transmitting to a registration server a request for transmission of user registration form data along with user terminal identification specifying the user terminal (col. 26, lines 34-42; col. 26, line 65-col. 27, line 22);
receiving user registration form data from the registration server (col. 20, lines 40-46; col. 25, line 34-col. 26, line 8);

Art Unit: 2154

displaying a picture for inputting user profile data specifying a user for registration, in accordance with attributes relevant to the user (col. 20, lines 40-46; col. 25, line 34-col. 26, line 8);

inputting the user profile data specifying the user for registration based on the user registration form data (col. 30, lines 8-21); and

transmitting the user profile data entered by the inputting step to the registration server (col. 30, lines 8-30).

17. Bayer did not teach a key server. Kalpio taught a method comprising:

transmitting to the key server the user terminal identification specifying the user terminal (abstract; col. 4, lines 57-59), and

receiving from the key server a target destination of a contents server which enables the downloading of contents from the contents server (abstract; col. 4, line 51-col. 5, line 2; col. 5, lines 61-64).

18. It would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teachings of Bayer and Kalpio because Kalpio's teaching of a key server would increase the security of Bayer's system by authenticating the user's right to access the requested resource (abstract).

19. Claims 9 is rejected under 35 U.S.C. 103(a) as being unpatentable over Bayer and Kalpio in view of Greenfield, U.S. Patent 6,748,528 (hereinafter Greenfield).

20. As per claim 9, Bayer and Kalpio taught the invention substantially as claimed in claim 1 above. Bayer and Kalpio did not specifically teach an authenticating key. Greenfield taught wherein said transmission includes an authenticating key sent to the user terminal, allowing the user terminal to connect to a server (col. 6, lines 7-14; col. 7, lines 45-53).

21. It would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teachings of Bayer, Kalpio and Greenfield because Greenfield's teaching of authentication key would increase the security of Bayer's and Kalpio's systems by improve the authentication process for servers to avoid unauthorized user accessing the servers (col. 2, lines 39-40).

CONCLUSION


22. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Hosoe, U.S. Patent 6,553,492, disclosed a system for authenticating a client accessing a content server.

23. Applicant's arguments with respect to claims 1-9, filed 10/17/05, have been fully considered but are moot in view of the new ground(s) of rejection.

24. THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a). A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Philip Lee whose telephone number is (571) 272-3967. Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 305-9600.

Philip Lee


JOHN FOLLANSBEE
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100